

The background of the slide is a vibrant image of a solar flare, showing bright, swirling patterns of light in shades of blue, purple, and orange against a dark space background. The flare appears to be a powerful release of energy from the sun's surface.

IACHEC Coordinated Observations Working Group

Summary

Karl Forster

Osaka, Japan

May 15th, 2025

Update on 3C273 paper and analysis:

Jeremy Hare

- Obtain contacts for the various missions so they can review the scripts and ensure everything is in order.

- Chandra: Herman
- XMM: Felix
- NuSTAR: Kristin
- SWIFT: Andy B.
- NICER: Jeremy, Craig
- IXPE: Chieng-Ting (MSFC)
- XRISM: Eric
- JEM-X: Celia Sanchez

IACHEC online

HEASARC is willing to host it

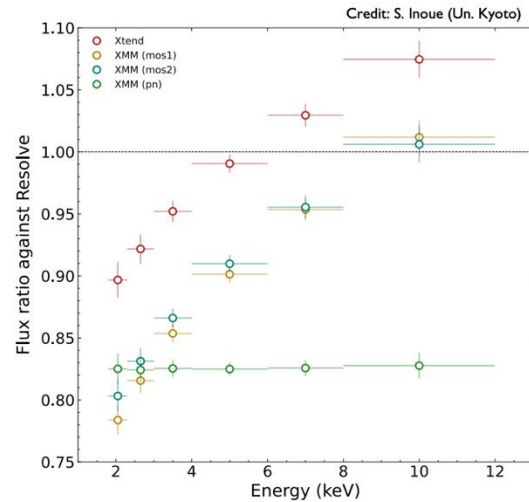
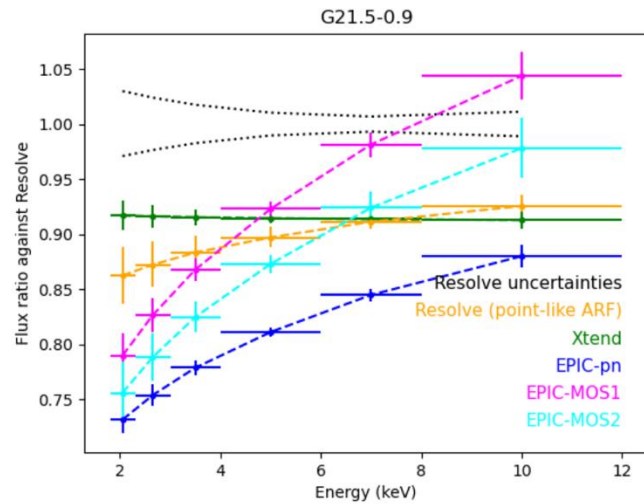
- Notebooks
- Models, spectra, and light curves
- Work this summer to get something basic up there
- Talk to HEASARC again to confirm

Potential updates to project:

- 1) Add 2 additional campaigns: 2024 and 2025
- 2) Add JEMX data, contact Celia Sanchez
- 3) Add XRISM
- 4) Add IXPE

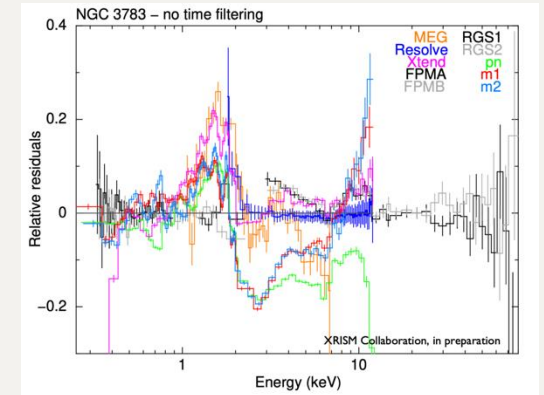


XRISM and XMM cross-calibration: M. Guainazzi

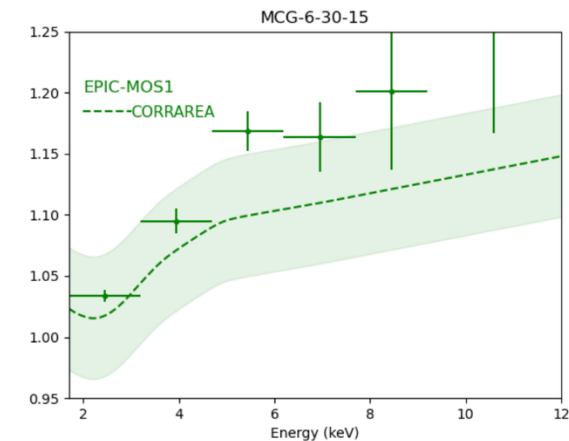
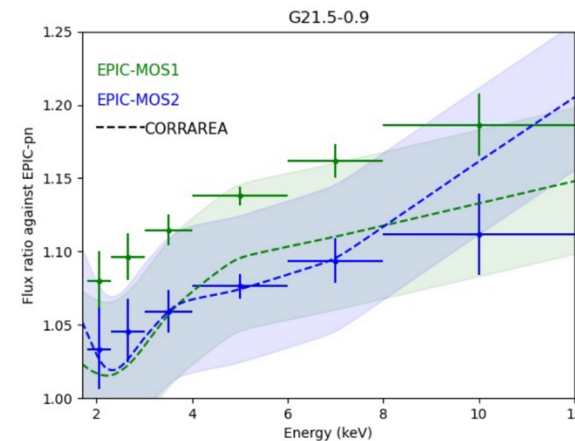
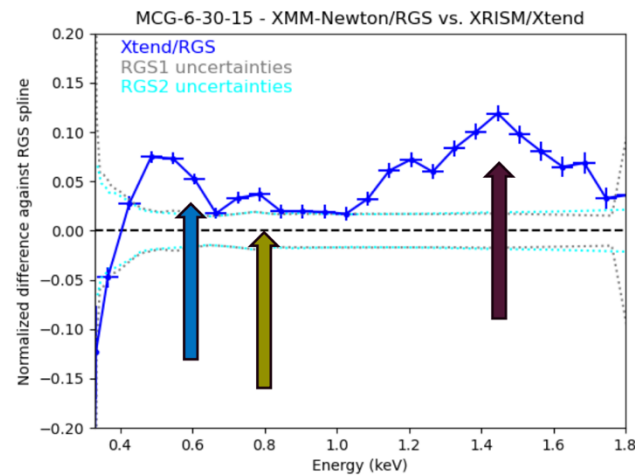
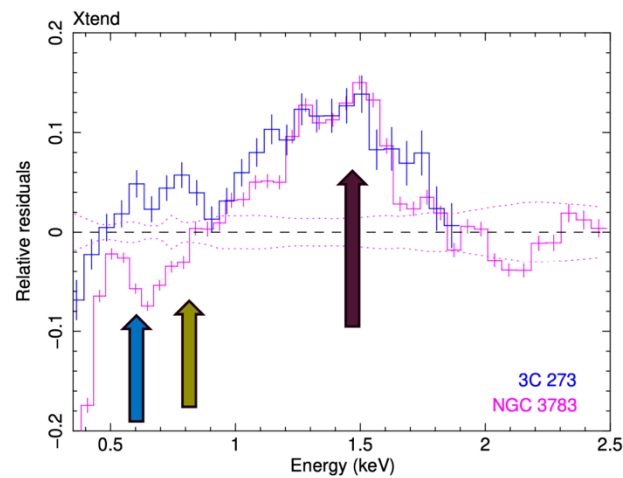


3 Methods:

- 1) Broadband
- 2) Sub-bands
- 3) Spline



-> Confirms with XRISM the deviations in XMM also seen with NuSTAR



2025-2026 Campaigns

SVOM coordination with NuSTAR (4-120keV)

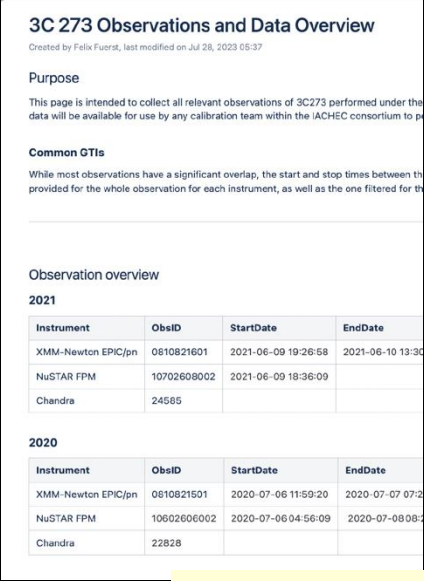
- Crab, CygX-1, and others
- Contact: Olivier Godet, Laurent Bouchet (olivier.godet@irap.omp.eu, laurent.bouchet@irap.omp.eu)

3c273 campaign 2026 (January)

- EP with FXT will join in



CoObs



CoObs WG wiki

- iachec-co-obs@lists.srl.caltech.edu

- ## Slack Channel

- #coordinated-obs

- ## 2024-25 activities

- Jeremy Hare – 3C 273 analysis
 - Support from WG for completing cross-cal paper
- NuSTAR-SVOM cross-calibration coordination
- Karl Forster – improve communications!

Working Group